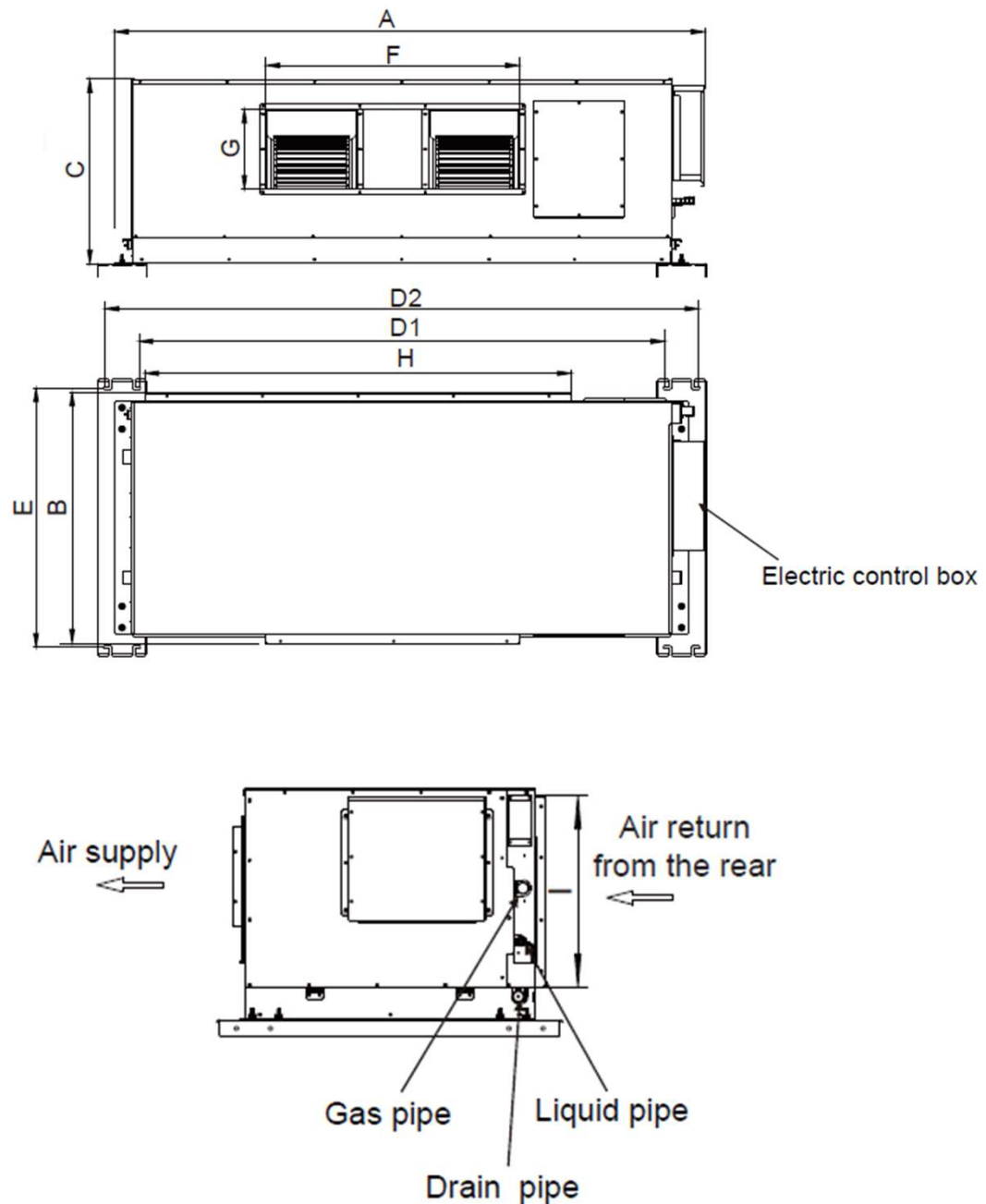


DVR Comercial Inverter DCDVI180H3

Model		DVR-V520TH/HXR1-F320	
Power supply		V/Ph/Hz	208-230V/3N/60Hz
Capacity	Cooling	kW	52
	Cooling	Ton	14.79
	Heating	kW	57.2
	Heating	Ton	16.27
Power Input		kW	3.6
Rated current		A	11.9
motor	Model		YE3-112M-4
	Type		AC
	Brand		Langdi
	Capacitor		/
	Speed (Hi/Med/Low)	r/min	1755
	ESP	Pa	250
Indoor coil	Number of rows		3
	Tube pitch(a)×row pitch(b)	mm	21.65*12.5
	Coil(W×H)		1730*572
	Number of circuits		24
	Fin type		Hydrophilic aluminum
	Tube diameter and type	mm	Ø9.52, Innergroove tube
Air flow (High speed)		m ³ /h	10600
Sound pressure level		dB(A)	67
Body	Dimension (W×H×D)	mm	2165×916×676
	Packing (W×H×D)	mm	2267×1050×840
	Net/Gross weight	kg	237/300
Refrigerant type			R410A
Throttle type			EXV
Max operating pressure(H/L)		MPa	4.5/1.6
Pipe size	Liquid pipe	mm (in)	Ø15.9 (5/8")
	Gas pipe	mm (in)	Ø28.6 (1-1/8")
Connecting wire	Power wire	mm ²	2.5*4+2.5(L≤20m) 4*4+2.5(20m<L≤50m)
	Signal wire	mm ²	0.75*2 shield
Drainage water pipe (Outer diameter)		mm	Ø26
Controller	Standard		Wired controller
	Optional		Remote controller
Operation temp		°C	16~32

Drawing of indoor unit dimensions (unit: mm)



Body size			Installation size			Air outlet size		Air return size	
A	B	C	D1	D2	E	F	G	H	I
2165	916	676	1926	2176	950	928	292	1563	563

Model name		DVR-D560W/HXR1	
Power supply		V/Ph/Hz	208~230 / 3 / 60
Cooling	Capacity	HP	20HP
		kW	56
		Btu/h	191000
		RT	16
	Power input	kW	15.32
Heating	Capacity	W/W	3.66
		kW	63
		Btu/h	214900
	Power input	kW	14.88
	COP	W/W	4.23
Rated Current		A	82
DC Inverter compressor	Quantity		2
	Type		DC /Scroll
	Brand		Mitsubishi
	frequency range	HZ	30~360
		rps	10~120
Compressor oil	Crankshaft heating	W	35*2
	Model		FV50S
		Original oil volume	ml
			(2300+2000)*2
Fan data			
Fan motor	Type		DC
	Model		DR-310-560-8-1 (ZDK560-8ZFm)
	Quantity		2
	Insulation class		B
	Protection class		IP44
	Power output	W	560
Fan blade	Material		ASG20
	Type		axial-flow
	Drive		Direct-driven
	Fan Quantity		2
	Air flow	m ³ /h	16000
Physical data			
Outdoor coil	Fin type		hydrophilic
	Tube outside diameter	mm	7.94
	Tube type		Inner-grooved
Refrigerant	Type		R410a
	Volume	kg	20
	throttle		EXV
Dimension (D*H*W)	Net	mm	840*1740*1340
	Packing	mm	910*1900*1410
Weight	Net	kg	325
	Gross	kg	340
Outdoor sound level		dB(A)	72
Maximum operating pressure		MPa	4.5

Piping & wiring data			
Pipe size	Liquid pipe	mm (in)	Ø15.9 (5/8")
	Gas pipe	mm (in)	Ø28.6 (1-1/8")
Max. pipe length	Total pipe length	m	1000
	From OU to farthest IU(Actual length)	m	190
	From OU to farthest IU(Equivalent length)	m	220
	From 1st indoor distributor to farthest IU	m	40
Max. vertical length	Between OU & IU(OU above IU)	m	90
	Between OU & IU(OU below IU)	m	110
	Between IUs	m	30
	Between OUs	m	0
Connection wire	Power wire size	mm ²	25.0×3
	Signal wire type		3-core shielded cable
	Signal wire size	mm ²	0.75
Operation temperature range			
Cooling	Outdoor side	°C	-5~55
	Indoor side	°C	16~32
Heating	Outdoor side	°C	-15~30
	Indoor side	°C	16~32

Notes:

1. Cooling operating temperature range is from -5°C to 55°C (It can be customized down to -10°C). Heating operating temperature range is from -15°C to 30°C.
2. The cooling conditions: indoor side 27°C(80.6°F) DB, 19°C(60°F)WB outdoor side 35°C(95°F) DB.
3. The heating conditions: indoor side 20°C(68°F) DB, 15°C(44.6°F)WB outdoor side 7°C(42.8°F)DB.
4. Sound level: measured at a point 1 m in front of the unit at a height of 1.5 m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
5. The above data may be changed without notice for future improvement on quality and performance.

Drawing of outdoor unit dimensions (unit: mm)

